



Form PTO-1449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)  
4123USApplication Number  
09/348,354

Applicant Havenga et al.

Filing Date July 7, 1999

Group Art Unit 1632

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PB	4,487,829	12/11/1984	Sharp et al.			
	4,517,686	05/21/1985	Ruoslahti et al.			
	4,578,079	03/25/1986	Ruoslahti et al.			
PB	4,589,881	05/20/1986	Pierschbacher et al.			

RECEIVED

AUG 22 2001

TECH CENTER 1600/2900

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	259212	03/09/1988	EP				
PB	2078631	03/19/1990	JP				
PB	WO 91/00360	01/10/1991	PCT				
PB	WO 91/05805	05/02/1991	PCT				
PB	WO 91/05871	05/02/1991	PCT				

## OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

PB	Albiges-Rizo et al., <u>Human Adenovirus Serotype 3 Fiber Protein</u> , Journal of Biological Chemistry, 266(6), 3961-3967 (1991).
	Bai et al., <u>Mutations That Alter an Arg-Gly-Asp (RGD) Sequence in the Adenovirus Type 2 Penton Base Protein Abolish Its Cell-Rounding Activity and Delay Virus Reproduction in Flat Cells</u> , Journal of Virology, 67(9), 5198-5205 (1993).
	Bailey et al., <u>Phylogenetic Relationships among Adenovirus Serotypes</u> , Virology, 205, 439-452 (1994).
	Ball-Goodrich et al., <u>Parvoviral Target Cell Specificity: Acquisition of Fibrotropism by a Mutant of the Lymphotropic Strain of Minute Virus of Mice Involves Multiple Amino Acid Substitutions within the Capsid</u> , Virology, 184, 175-186 (1991).
	Batra et al., <u>Receptor-mediated gene delivery employing lectin-binding specificity</u> , Gene Therapy, 1, 255-260 (1994).
	Boursnell et al., <u>In vitro construction of a recombinant adenovirus Ad2:Ad5</u> , Gene, 13, 311-317 (1981).
PB	Caillet-Boudin et al., <u>Functional and Structural Effects of an Ala to Val Mutation in the Adenovirus Serotype 2 Fibre</u> , J. Mol. Biol., 217, 477-486 (1991).

EXAMINER

*Pete Rummel*

DATE CONSIDERED

10/24/01

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449

AUG 16 2001

Docket Number (Optional)

4123US

Application Number

09/348,354

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Applicant

Havenga et al.

Filing Date July 7, 1999

Group Art Unit 1633

1632

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PB	4,593,002	06/03/1986	Dulbecco			RECEIVED
	4,792,525	12/20/1988	Ruosahti et al.			AUG 22 2001
	4,797,368	01/10/1989	Carter et al.			
PB	4,956,281	09/11/1990	Wallner et al.			TECH CENTER 1600/2000

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
PB	WO 92/02553	02/20/1992	PCT				
PB	WO 92/13081	08/06/1992	PCT				
PB	WO 93/03769	03/04/1993	PCT				
PB	WO 93/06223	04/01/1993	PCT				
PB	WO 93/07282	04/15/1993	PCT				

## OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

PB	Chroboczek et al., <u>The Sequence of the Genome of Adenovirus Type 5 and Its Comparison with the Genome of Adenovirus Type 2</u> , Virology, 186, 280-285 (1992).
	Cotten et al., <u>High-efficiency receptor-mediated delivery of small and large (48 kilobase gene constructs using the endosome-disruption activity of defective or chemically inactivated adenovirus particles</u> , Proc. Natl. Acad. Sci. USA, 89, 6094-6098 (1992).
	Cotten et al., <u>Transferrin-polycation-mediated introduction of DNA into human leukemic cells: Stimulation by agents that affect the survival of transfected DNA or modulate transferrin receptor levels</u> , Proc. Natl. Acad. Sci. USA, 87, 4033-4037 (1990).
	Crawford-Miksza et al., <u>Adenovirus Serotype Evolution Is Driven by Illegitimate Recombination in the Hypervariable Regions of the Hexon Protein</u> , Virology, 224, 357-367 (1996).
	Crawford-Miksza et al., <u>Analysis of 15 Adenovirus Hexon Proteins Reveals the Location and Structure of Seven Hypervariable Regions Containing Serotype-Specific Residues</u> , J. Virol., 70(3), 1836-1844 (1996).
	Crompton et al., <u>Expression of a foreign epitope on the surface of the adenovirus hexon</u> , J. Gen. Virol., 75(1), 133-139 (1994).
PB	Crystal, Ronald G., <u>Transfer of Genes to Humans: Early Lessons and Obstacles to Success</u> , Science, 270, 404-410 (1995).

EXAMINER



DATE CONSIDERED

10/29/01

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449

AUG 16 2001

Docket Number (Optional)  
4123USApplication Number  
09/348,354INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Applicant Havenga et al.

Filing Date July 7, 1999

Group Art Unit 1633

1632

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PB	5,024,939	06/18/1991	Gorman			
	5,096,815	03/17/1992	Ladner et al.			
	5,166,320	11/24/1992	Wu et al.			
PB	5,198,346	03/30/1993	Ladner et al.			

RECEIVED

AUG 22 2001

TECH CENTER 1600/2900

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
PB	WO 93/07283	04/15/1993	PCT				
PB	WO 94/08026	04/14/1994	PCT				
	WO 94/10323	05/11/1994	PCT				
	WO 94/11506	05/26/1994	PCT				
PB	WO 94/15644	07/21/1994	PCT				

## OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

PB	Curiel et al., Adenovirus enhancement of transferrin-polylysine-mediated gene delivery, Proc. Natl. Acad. Sci. USA, 88, 8850-8854 (1991).
	Curiel et al., High-Efficiency Gene Transfer Mediated by Adenovirus Coupled to DNA-Polylysine Complexes, Human Gene Therapy, 3, 147-154 (1992).
	Defer et al., Human Adenovirus-Host Cell Interactions: Comparative Study with Members of Subgroups B and C, Journal of Virology, 64(8), 3661-3673 (1990).
	Dupuit et al., Regenerating Cells in Human Airway Surface Epithelium Represent Preferential Targets for Recombinant Adenovirus, Human Gene Therapy, 6, 1185-1193 (1995).
	Etienne-Julian et al., The efficiency of cell targeting by recombinant retroviruses depends on the nature of the receptor and the composition of the artificial cell-virus linker, Journal of General Virology, 73, 3251-3255 (1992).
	Falgout et al., Characterization of Adenovirus Particles Made by Deletion Mutants Lacking the Fiber Gene, Journal of Virology, 62(2), 622-625 (1988).
PB	Greber et al., Stepwise Dismantling of Adenovirus 2 during Entry into Cells, Cell, 75, 477-486 (1993).

EXAMINER



DATE CONSIDERED

10/24/01

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449

AUG 16 2001

Docket Number (Optional)  
4123USApplication Number  
09/348,354INFORMATION DISCLOSURE/CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Applicant Havenga et al.

Filing Date July 7, 1999

Group Art Unit 4633

1632

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PB	5,204,445	04/20/1993	Plow et al.			
	5,223,394	06/29/1993	Wallner			
	5,223,409	06/29/1993	Ladner et al.			
PB	5,240,846	08/31/1993	Collins et al.			AUG 22 2001

RECEIVED

TECH CENTER 1600/2900

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
PB	WO 94/17832	08/14/1994	PCT				
PB	WO 94/24299	10/27/1994	PCT				
PB	WO 94/26915	11/24/1994	PCT				
PB	WO 95/05201	02/23/1995	PCT				
PB	WO 95/06745	03/09/1995	PCT				

## OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

PB	Green et al., Evidence for a repeating cross- $\beta$ sheet structure in the adenovirus fibre, EMBO Journal, 2(8), 1357-1365 (1983).
	Grubb et al., Inefficient gene transfer by adenovirus vector to cystic fibrosis airway epithelia of mice and humans, Nature, 371, 802-806 (1994).
	Han et al., Ligand-directed retroviral targeting of human breast cancer cells, Proc. Natl. Acad. Sci. USA, 92, 9747-9751 (1995).
	Henry et al., Characterization of the Knob Domain of the Adenovirus Type 5 Fiber Protein Expressed in Escherichia coli, Journal of Virology, 68(8), 5239-5246 (1994).
	Hong et al., The Amino Terminus of the Adenovirus Fiber Protein Encodes the Nuclear Localization Signal, Virology, 185(2), 758-767 (1991).
	Horvath et al., Nonpermissivity of Human Peripheral Blood Lymphocytes to Adenovirus Type 2 Infection, Journal of Virology, 62(1), 341-345 (1988).
PB	Huang et al., Upregulation of Integrins $\alpha v\beta 3$ and $\alpha v\beta 5$ on Human Monocytes and T Lymphocytes Facilitates Adenovirus-Mediated Gene Delivery, Journal of Virology, 69(4), 2257-2263 (1995).

EXAMINER

DATE CONSIDERED

10/24/01

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449

AUG 16 2001

Docket Number (Optional)  
4123USApplication Number  
09/348,354INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Applicant Havenga et al.

Filing Date July 7, 1999

Group Art Unit 1632

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PB	5,246,921	09/21/1993	Reddy et al.			RECEIVED
	5,332,567	07/26/1994	Goldenberg			AUG 22 2001
	5,349,053	09/20/1994	Landolfi			
PB	5,403,484	04/04/1995	Ladner et al.			TECH CENTER 1600/2900

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
PB	WO 95/14785	06/01/1995	PCT				
	WO 95/16037	06/15/1995	PCT				
	WO 95/21259	08/10/1995	PCT				
	WO 95/26412	10/05/1995	PCT				
PB	WO 95/27071	10/12/1995	PCT				

## OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

PB	Karayan et al., <u>Oligomerization of Recombinant Penton Base of Adenovirus Type 2 and Its Assembly with Fiber in Baculovirus-Infected Cells</u> , Virology, 202, 782-795 (1994).
	Kass-Eisler et al., <u>Quantitative determination of adenovirus-mediated gene delivery to rat cardiac myocytes in vitro and in vivo</u> , Proc. Natl. Acad. Sci. USA, 90, 11498-11502 (1993).
	Komoriya et al., <u>The Minimal Essential Sequence for a Major Cell Type-specific Adhesion Site (CS1) within the Alternatively Spliced Type III Connecting Segment Domain of Fibronectin Is Leucine-Aspartic Acid-Valine</u> , Journal of Biological Chemistry, 266(23), 15075-15079 (1991).
	Maraveyas et al., <u>Targeted Immunotherapy - An update with special emphasis on ovarian cancer</u> , Acta Oncologica, 32(7/8), 741-746 (1993).
	Mastrangeli et al., <u>In Vivo Gene Transfer to the Lung of Experimental Animals Using a Chimeric Ad5/Ad7 Adenovirus Vector</u> , Ped. Pulm., Suppl., 12, 230, Abst. No. 180 (1995).
PB	Mastrangeli et al., <u>"Sero-Switch" Adenovirus-Mediated In Vivo Gene Transfer: Circumvention of Anti-Adenovirus Humoral Immune Defenses Against Repeat Adenovirus Vector Administration by Changing the Adenovirus Serotype</u> , Human Gene Therapy, 7, 79-87 (1996).

EXAMINER

*Peter B. Rennard*

DATE CONSIDERED

10/24/01

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449

AUG 16 2001

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)  
4123USApplication Number  
09/348,354

Applicant Havenga et al.

Filing Date July 7, 1999

Group Art Unit 1632

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PB	5,436,146	07/25/1995	Shenk et al.			
	5,443,953	08/22/1995	Hansen et al.			
	5,474,935	12/12/1995	Chatterjee et al.			AUG 22 2001
PB	5,521,291	05/28/1996	Curiel et al.			

RECEIVED

TECH CENTER 1600/2900

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
PB	WO 95/31187	11/23/1995	PCT				
PB	WO 95/31566	11/23/1995	PCT				
PB	WO 96/00790	01/11/1996	PCT				
PB	WO 96/07739	03/14/1996	PCT				
PB	WO 96/10087	04/04/1996	PCT				

## OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

PB	Mathias et al., <u>Multiple Adenovirus Serotypes Use av Integrins for Infection</u> , Journal of Virology, 68(10), 6811-6814 (1994).
	Mautner et al., <u>Recombination in Adenovirus: Analysis of Crossover Sites in Intertypic Overlap Recombinants</u> , Virology, 139, 43-52, (1984).
	Mautner et al., <u>Recombination in Adenovirus: DNA Sequence Analysis of Crossover Sites in Intertypic Recombinants</u> , Virology, 131, 1-10 (1983).
	Michael et al., <u>Addition of a short peptide ligand to the adenovirus fiber protein</u> , Gene Therapy, 2, 660-668 (1995).
	Michael et al., <u>Binding-incompetent Adenovirus Facilitates Molecular Conjugate-mediated Gene Transfer by the Receptor-mediated Endocytosis Pathway</u> , Journal of Biological Chemistry, 268(10), 6866-6869 (1993).
	Miller et al., <u>Targeted vectors for gene therapy</u> , FASEB Journal, 9, 190-199 (1995).
PB	Neda et al., <u>Chemical Modification of an Ecotropic Murine Leukemia Virus Results in Redirection of Its Target Cell Specificity</u> , Journal of Biological Chemistry, 266(22), 14143-14146 (1991).

EXAMINER

DATE CONSIDERED

10/24/01

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449

AUG 16 2001

Docket Number (Optional)  
4123USApplication Number  
09/348,354INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Applicant Havenga et al.

Filing Date July 7, 1999

Group Art Unit 1632

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PB	5,534,423	07/09/1996	Palsson et al.			RECEIVED
	5,543,328	08/06/1996	McClelland et al.			AUG 22 2001
	5,547,932	08/20/1996	Curiel et al.			
PB	5,552,311	09/03/1996	Sorscher et al.			TECH CENTER 1600/2900

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
PB	WO 96/13597	05/09/1996	PCT				
PB	WO 96/14837	05/23/1996	PCT				
PB	WO 96/17073	06/06/1996	PCT				
PB	WO 96/18740	06/20/1996	PCT				
PB	WO 97/24453	07/10/1997	PCT				

## OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

PB	Nemerow et al., <u>Adenovirus entry into host cells: a role for <math>\alpha_v</math> integrins</u> , Trends In Cell Biology, 4, 52-55 (1994).
	Nemerow et al., <u>The Role of <math>\alpha_v</math> Integrins in Adenovirus Infection</u> , Biology of Vitronectins and their Receptors, 177-184 (1993).
	Novelli et al., <u>Deletion Analysis of Functional Domains in Baculovirus-Expressed Adenovirus Type 2 Fiber</u> , Virology, 185, 365-376 (1991).
	Orkin et al., <u>Report and Recommendations of the Panel to Assess the NIH Investment in Research on Gene Therapy</u> , (1995), file:///F /NIHrec.htm 1/4/01 1:37 pm.
	Peteranderl et al., <u>Trimerization of the Heat Shock Transcription Factor by a Triple-Stranded <math>\alpha</math>-Helical Coiled-Coil</u> , Biochemistry, 31, 12272-12276 (1992).
	Pring-Åkerblom et al., <u>Sequence Characterization and Comparison of Human Adenovirus Subgenus B and E Hexons</u> , Virology, 212, 232-36 (1995).
PB	Roberts et al., <u>Three-Dimensional Structure of the Adenovirus Major Coat Protein Hexon</u> , Science, 232, 1148-51 (1986).

EXAMINER

*Peter Bonatti*

DATE CONSIDERED

10/24/01

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449

AUG 16 2001

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)  
4123USApplication Number  
09/348,354

Applicant Havenga et al.

Filing Date July 7, 1999

Group Art Unit 1632

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PB	5,559,099	09/24/1996	Wickham et al.			
	5,571,698	11/05/1996	Ladner et al.			
	5,622,699	04/22/1997	Ruoslahti et al.			
PB	5,712,136	01/27/1998	Wickham et al.			AUG 22 2001

RECEIVED

TECH CENTER 1600/2900

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
PB	WO 97/38723	10/23/1997	PCT				
PB	WO 98/07865	02/26/1998	PCT				
PB	WO 98/11221	03/19/1998	PCT				
PB	WO 98/13499	04/02/1998	PCT				
PB	WO 98/22609	05/28/1998	PCT				

## OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

PB	Russell et al., <u>Retroviral vectors displaying functional antibody fragments</u> , Nucleic Acids Research, 21(5), 1081-1085 (1993).
	Signäs et al., <u>Adenovirus 3 Fiber Polypeptide Gene: Implications for the Structure of the Fiber Protein</u> , Journal of Virology, 53(2), 672-678 (1985).
	Silver et al., <u>Interaction of Human Adenovirus Serotype 2 with Human Lymphoid Cells</u> , Virology, 165, 377-387 (1988).
	Stewart et al., <u>Difference imaging of adenovirus: bridging the resolution gap between X-ray crystallography and electron microscopy</u> , EMBO Journal, 12(7), 2589-2599 (1993).
	Verma et al., <u>Gene Therapy - promises, problems and prospects</u> , Nature, 389, 239-42 (1997).
	Wadell, G., <u>Molecular Epidemiology of Human Adenoviruses</u> , Curr. Top. Microbiol. Immunol., 110, 191-220 (1984).
PB	Wagner et al., <u>Coupling of adenovirus to transferrin-polylysine/DNA complexes greatly enhances receptor-mediated gene delivery and expression of transfected genes</u> , Proc. Natl. Acad. Sci. USA, 89, 6099-6103 (1992).

EXAMINER



DATE CONSIDERED

10/29/01

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.



Form PTO-1449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)  
4123USApplication Number  
09/348,354

Applicant Havenga et al.

Filing Date July 7, 1999

Group Art Unit 1633 1632

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PB	5,731,190	03/24/1998	Wickham et al.			RECEIVED
	5,756,086	05/26/1998	McClelland et al.			AUG 22 2001
	5,770,442	06/23/1998	Wickham et al.			
PB	5,922,315	07/13/1999	Roy			TECH CENTER 1600/2900

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
PB	WO 98/32842	07/30/1998	PCT				
PB	WO 98/40509	09/17/1998	PCT				

## OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

PB		Watson et al., <u>An Antigenic Analysis of the Adenovirus Type 2 Fibre Polypeptide</u> , Journal of Virology, 69, 525-535 (1988).
		Wickham et al., <u>Integrins <math>\alpha_v\beta_3</math> and <math>\alpha_v\beta_5</math> Promote Adenovirus Internalization but Not Virus Attachment</u> , Cell, 73, 309-319 (1993).
		Wickham et al., <u>Integrin <math>\alpha v \beta 5</math> Selectively Promotes Adenovirus Mediated Cell Membrane Permeabilization</u> , Journal of Cell Biology, 127(1), 257-264 (1994).
PB		Chu et al., <u>Cell targeting with retroviral vector particles containing antibody-envelope fusion proteins</u> , Gene Therapy, 1, 292-299 (1994).

EXAMINER



DATE CONSIDERED

10/29/01

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.